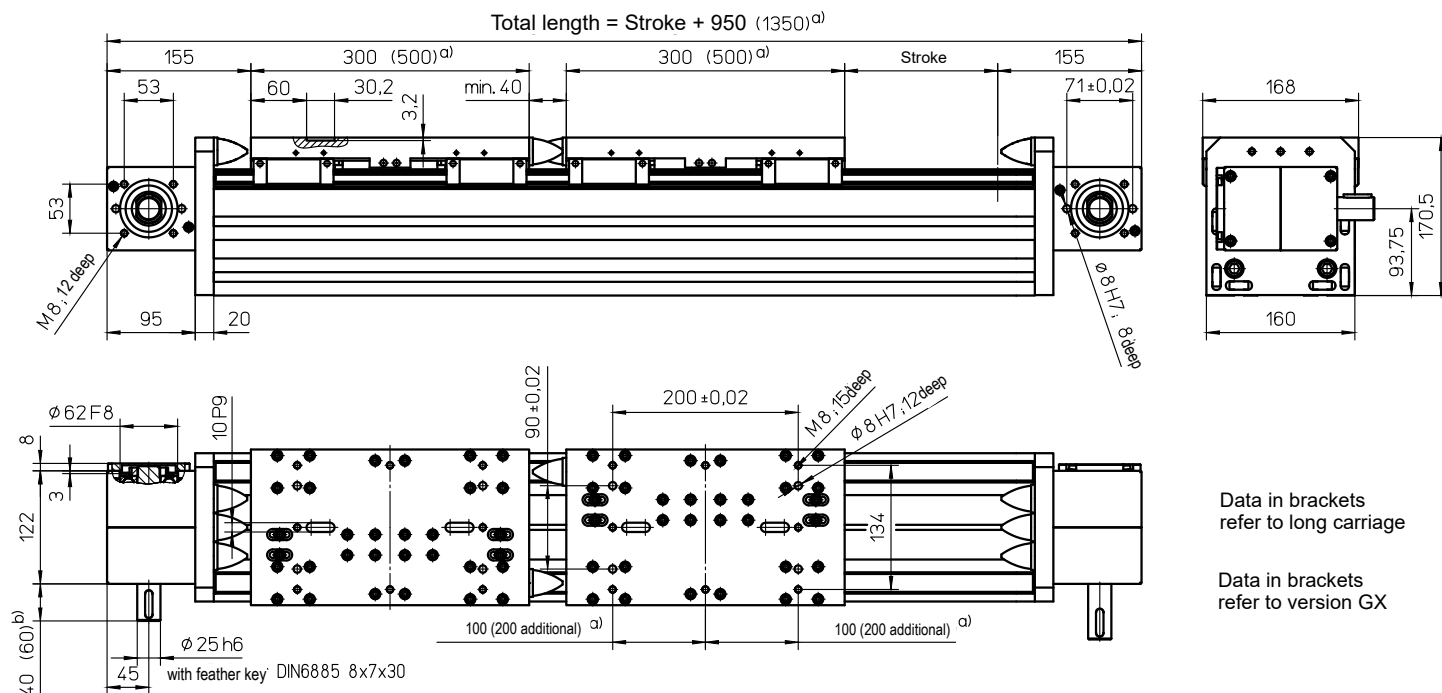


with toothed belt drive and double linear guide and a second independently travelling carriage (ZSSD)



Weights

ZSSD

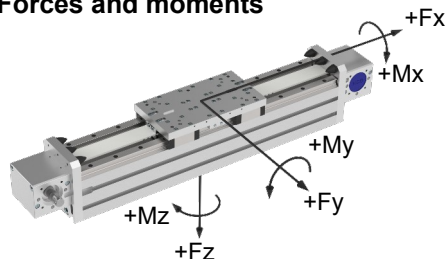
Basic length without stroke:	39.80 kg
100 mm stroke:	2.50 kg
Entire carriage 300 mm:	7.00 kg
Entire carriage 500 mm:	9.20 kg
Max. total length:	8200 mm
(longer on request)	

Technical Data

ZSSD

Max. speed:	5.00 m/s
Max. acceleration:	60 m/s ²
Repeat accuracy:	± 0.08 mm
Idle torque:	4,00 Nm
Moment of inertia:	8.75 · 10 ⁻³ kgm ²
Drive element:	2 x Toothed belt 32 AT10
Stroke per revolution:	210 mm

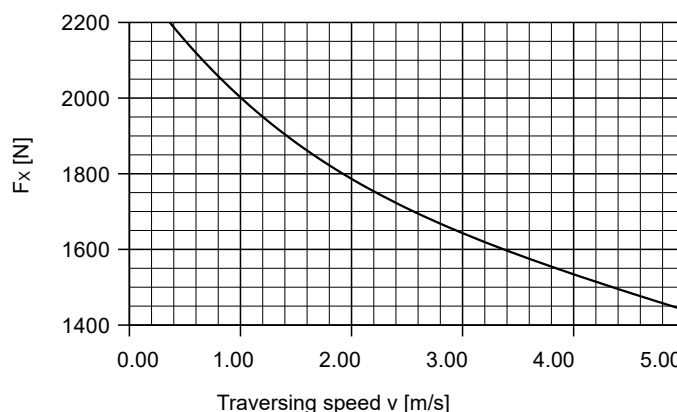
Forces and moments



	ZSSD
Forces	Dynamic [N]
F_x^{c)}	2200
F_y	10000
F_z	16000
Moments	Dynamic [Nm]
M_x	1800
M_y	5000 (8000)
M_z	4000 (7000)

^{c)} Maximum value (see diagram „F_x-v-Diagram“)
Data in brackets refer to long carriage (500)

F_x - v - Diagram



These data apply to each carriage.